

# National Cancer Informatics Program (NCIP) Briefing to the 1<sup>st</sup> Joint NCAB/BSA Meeting

George A. Komatsoulis, Ph.D.  
Director (interim)

# NCIP and the NCI Center for Biomedical Informatics and Information Technology (CBIIT)

- Activities encompassed within NCIP
  - Interoperability and data access technology to support advanced biomedical research/care
  - Biomedical informatics research and development
  - *In silico* research
  - Informatics education and training
- Other activities of CBIIT
  - Operational support for biomedical informatics
  - Full life-cycle support for business operations at the NCI
  - Provision of standard commoditized IT support
  - Coordination of NCI IT investments

# Launch Meeting of NCIP

- Launch meeting took place at the Natcher Conference Center on 31 May 2012
- 49 invitees on site that represented a broad range of expertise in genomics, clinical and translational research and informatics
- Between 250 and 300 people on the phone at most times
- NCI Director Harold Varmus charged us to come to a consensus on the IT needs of the NCI supported cancer research community
- Meeting materials posted at: <http://ncip.nci.nih.gov>

# Structure of Meeting

- Session 1: Genomics
  - Andrea Califano – Columbia
  - Chris Sander – Memorial Sloan-Kettering
  - Barbara Wold – Caltech/NCI
  - Kevin White – University of Chicago
- Session 2: Clinical and Translational Sciences
  - Amy Abernethy – Duke
  - William Dalton – Moffitt
  - Mia Levy – Vanderbilt
  - Joel Saltz – Emory
- Session 3: Standards
  - Rebecca Kush – CDISC
  - Stan Huff – Intermountain Health Care
  - Philip Payne – Ohio State University
  - Chris Chute – Mayo Clinic

# Key Drivers of a National Cancer Informatics Program

- Aligned with the mission and vision of the NCI and driven by needs of the cancer research and care community
- Embedded in all key programs and activities of the NCI
- Just enough governance
- Open and transparent
- Accountable
- Integrated with other informatics initiatives
- Sustainable

# Implementing Activities in NCIP

- NCIP projects will begin as direct support for scientific initiatives
- Where successful and needed, pilot projects may be hardened/generalized for wider distribution
- NCIP informatics projects will be integrated into the scientific projects that they support
- Success of NCIP projects will be determined by success of the scientific initiative

# Moving forward with NCIP

- Working groups will be constituted to continue the discussion of needs and possible projects
- Initial focus areas identified during discussions
  - Access and computing on large scale genomics data
  - Support for precision medicine pilots
  - Integration of informatics into core programs
- Still need to provide core biomedical informatics capabilities to ongoing NCI research initiatives



# Discussion/Feedback